

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**Applicant(s): **Robert J. Howard**

Docket No.

**FE-00635**

Application No.

**10,643,372**

Filing Date

**08/20/2003**

Examiner

**Nguyen, Hoang M.**

Customer No.

**38093**

Group Art Unit

**3748**

Confirmation No.

**4830**Invention: **Solid State Thermal Engine****OCT 28 2004****PATENT & TRADEMARK****COMMISSIONER FOR PATENTS:**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	-	20 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	-	3 =	0 x	\$86.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.
- ☐ Payment by credit card. Form PTO-2038.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
Signature

Dated: **October 26, 2004**

**Mark A. Wurm, IP Counsel, Reg. 31,682**  
**Lockheed Martin Corporation**  
**Intellectual Property Law Department**  
**Bldg. 400, Mail Drop 043**  
**9500 Godwin Drive**  
**Manassas, VA. 20110**  
**Phone: 703-367-2818**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on October 26, 2004.

(Date)



Signature of Person Mailing Correspondence

**Mark A. Wurm, IP Counsel**

Typed or Printed Name of Person Mailing Correspondence

cc:



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

Robert J. Howard

Serial No.: 10/643,372

Filing Date: August 20, 2003

Atty. File No.: FE-00635

Commissioner for Patents  
P.O. Box 1450  
Alexandra, VA 22313 – 1450

Group Art Unit: 3748

Examiner: Hoang M. Nguyen

AMENDMENT AND RESPONSE

CERTIFICATE OF MAILING

I HEREBY CERTIFY THIS CORRESPONDENCE IS BEING DEPOSITED WITH  
THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN  
ENVELOPE ADDRESSED TO COMMISSIONER FOR PATENTS, P.O. BOX  
1450, ALEXANDRIA, VA 22313-1450 ON Oct 26, 2004.

LOCKHEED MARTIN CORPORATION

BY: Mark A. Wurm  
Mark A. Wurm

Dear Sir:

Applicant submits this Amendment and Response to address the Office Action  
mailed July 26, 2004. Although the Applicant believe that no fees are due for filing this  
Amendment and Response, please charge any fees deemed necessary to Deposit  
Account No. 50-1464.

Please amend the **Claims** as set forth below.

**Remarks** begin on page 5 of this paper.